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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/348,425	07/07/1999	THOMAS A. KIST	6169-125	5214

7590 01/22/2003

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EXAMINER

AZAD, ABUL K

ART UNIT	PAPER NUMBER
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2654

DATE MAILED: 01/22/2003

13

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/348,425

Applicant(s)

KIST ET AL.

Examiner

ABUL K. AZAD

Art Unit

2654

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 22-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This action is in response to the communication filed on November 13, 2002.
2. Claims 22-31 are pending in this action.
3. The applicant's arguments with respect to claims 22-31 have been fully considered but they are not deemed to be persuasive. For examiner's response to the applicant's arguments or comments, see the detailed discussion in the Response to the Arguments section.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

5. Claims 22-31 are rejected under 35 U.S.C. 102(e) as being anticipated by Gould et al. (US 5,799,279).

As per claim 22, Gould teaches, "in a speech recognition system, a method of processing a voice command comprising"

"identifying a voice command having a voice command component and dictation component within a contiguous utterance, wherein said voice command component is specified by a command grammar and said dictation component is not specified by said command grammar" (Figures 8a, 8b, 9a and 9b; col. 5, line 13 to col. 6, line 67; reads on "if CPU determines that user's speech is text . . . if CPU determines that user's speech was a command, then the CPU sends keystrokes or scripting language to the application to cause the application to delete the partial results from the screen and execute the command" here CPU determined command based on the command grammar);

"executing said identified voice command component using at least a part of said dictation component as an execution parameter of said voice command" (col. 5, line 13 to col. 6, line 67, reads on "if CPU determines that user's speech was a command, then the CPU sends keystrokes or scripting language to the application to cause the application to delete the partial results from the screen and execute the command").

As per claim 23, Gould teaches, "loading a translation rule and linking said voice command component to an application command using said translation rule" (col. 6, lines 16-29, application);

"providing said application command to an associated computing application" (col. 6, lines 16-29).

As per claim 24, Gould teaches, "providing step said at least a part of said dictation component as a parameter of said application command to said associated computing application" (col. 6, lines 16-29).

As per claim 25, Gould teaches, "inserting said at least a part of said dictation component in a text field of said associated computing application" (col. 6, lines 16-29).

As per claim 26, Gould teaches, "providing said voice command component to an associated computing application for processing, and further providing said at least a part of said dictation component as a parameter of said voice command to said computing application" (col. 5, line 13 to col. 6, line 67).

As per claim 27-31, are similar in scope and content of claims 22-26 and are rejected under similar rationale.

Response to Arguments

6. The applicant argues: "Gould does not recognize a voice command having a command component and a dictation component within a contiguous utterance";

The examiner notes that above limitation is taught by Gould at column 6, lines 48-67; where Gould teaches, "when a user's speech is recognized for commands and text against the same set of vocabularies, any language modeling information in the vocabularies tends to cause the system to favor the recognition of text over commands." More clearly one would understand that Gould teaches identifying a voice command component and a dictation component with a contiguous utterance in Figures 8a, 8b, 9a and 9b, at col. 6, lines 30-41 reads "the application being executed by the system is meeting scheduler. After the system displays partial results 302 "schedule this meeting

in room 507", the system determines that the utterance was a command and removes the text from the utterance was a command and removes the text from the display screen and executes the command by scheduling 304 the meeting in room 507. similarly, after the system displays partial results 304 "underline last three words" the system determines that the utterance was a command and removes the text from the display screen and executes the command by underlining 306 the last three words".

In response to above arguments, examiner point out Gould's one example at col. 6, lines 48-67, to how Gould determines a text component and a command component. Where same word "bold" could be a text component and command component depending on command grammar and dictation component does not dependent on a command grammar.

The applicant further argues, "Gould, however, does not execute a voice command which includes at least a part of dictation component as an execution parameter of the voice command".

The examiner notes that the limitation is taught by Gould details at col. 6, lines 30-41. The limitation reads on "if CPU determines that user's speech was a command, then the CPU sends keystrokes or scripting language to the application to cause the application to delete the partial results from the screen and execute the command"). Examples are given in Figures 8a, 8b, 9a and 9b; at col. 6, lines 30-41 reads, "the application being executed by the system is meeting scheduler. After the system displays partial results 302 "schedule this meeting in room 507", the system determines that the utterance was a command and removes the text from the utterance was a

command and removes the text from the display screen and executes the command by scheduling 304 the meeting in room 507. similarly, after the system displays partial results 304 "underline last three words" the system determines that the utterance was a command and removes the text from the display screen and executes the command by underlining 306 the last three words".

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Abul K. Azad** whose telephone number is **(703) 305-3838**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Marsha D. Banks-Harold**, can be reached at **(703) 305-4379**.

Application/Control Number: 09/348,425
Art Unit: 2654

Page 7

Any response to this action should be mailed to:

Commissioner for Patents

Washington, D.C. 20231

Or faxed to:

(703) 872-9314

(For informal or draft communications, please label "PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center's Customer Service Office whose telephone number is **(703) 306-0377**.

Abul K. Azad

January 18, 2003

Marsha D Banks-Harold
MARSHA D. BANKS-HAROLD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600